

**Top 20 Chemicals with Largest TRI On-site and Off-site Releases, Manufacturing\* Industries, 2001**

CAS Number Chemical			On-site Releases						Off-site Releases	Total On- and Off-site Releases Pounds
			Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds	
					Class I Wells Pounds	Class II-V Wells Pounds	Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		
-- Zinc compounds	4,558,545	1,858,924	236,593	8,205	2,381,285	73,459,957	82,503,509	193,399,349	275,902,857	
-- Nitrate compounds	515,577	191,995,584	34,118,348	963	500	7,061,520	233,692,492	12,711,732	246,404,224	
67-56-1 Methanol	157,995,629	3,370,704	12,195,685	80,001	97,719	1,139,487	174,879,225	2,694,086	177,573,311	
7664-41-7 Ammonia	116,061,887	5,840,918	22,716,549	43,301	810	2,552,255	147,215,720	3,095,972	150,311,692	
-- Manganese compounds	1,409,423	5,597,887	8,916,486	250	457,238	50,984,265	67,365,549	40,567,308	107,932,857	
108-88-3 Toluene	70,584,801	74,562	182,294	365	7,117	41,837	70,890,976	1,410,941	72,301,918	
-- Lead compounds	904,339	309,069	190,629	8	245,038	20,382,569	22,031,652	45,370,862	67,402,514	
-- Copper compounds	1,133,199	82,867	168,325	0	113,845	53,286,702	54,784,938	11,431,869	66,216,808	
7647-01-0 Hydrochloric acid	53,405,463	2,399	46,398	2,172	0	20,603	53,477,035	746,437	54,223,472	
100-42-5 Styrene	46,459,161	2,940	330,998	0	88,054	58,620	46,939,773	1,938,898	48,878,672	
110-54-3 n-Hexane	46,996,612	6,962	69,663	0	340	8,358	47,081,935	404,743	47,486,678	
1330-20-7 Xylene (mixed isomers)	46,393,096	20,220	79,771	500	2,199	41,859	46,537,645	794,725	47,332,370	
7439-96-5 Manganese	899,597	157,192	0	0	28,527	10,959,852	12,045,168	31,356,677	43,401,845	
7664-93-9 Sulfuric acid	29,564,024	693	679,045	0	0	1,960	30,245,722	129,536	30,375,258	
78-93-3 Methyl ethyl ketone	28,898,317	44,947	240,870	0	10,201	11,664	29,205,999	636,473	29,842,472	
-- Glycol ethers	27,887,477	311,776	7,748	0	47,834	47,982	28,302,817	961,024	29,263,841	
74-85-1 Ethylene	23,891,975	1,394	6,682	0	0	4	23,900,055	116	23,900,171	
75-09-2 Dichloromethane	21,412,820	4,865	207,993	0	4	2,706	21,628,388	52,541	21,680,929	
-- Chromium compounds	368,435	75,266	888,666	0	250,877	8,677,481	10,260,725	11,313,897	21,574,622	
50-00-0 Formaldehyde	10,519,405	328,312	9,857,346	0	1,173	149,154	20,855,390	525,479	21,380,869	
Subtotal	689,859,783	210,087,481	91,140,089	135,765	3,732,761	228,888,835	1,223,844,714	359,542,665	1,583,387,380	
Total**	934,780,231	216,052,532	170,743,894	209,065	7,569,885	272,733,209	1,602,088,815	452,308,083	2,054,396,897	

**Note: On-site Releases** are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. **Off-site Releases** do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2001 and previous years has been included in SIC code 10 for the purpose of this analysis.

\* Manufacturing industries include industries in SIC codes 20-39 and federal facilities.

\*\* Total for Manufacturing Industries